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(54) **PLATED PRODUCT EXCELLENT IN CORROSION  
RESISTANCE AND ITS PRODUCTION METHOD**

(57) Abstract:

PROBLEM TO BE SOLVED: To provide a plated product excellent in the corrosion resistance and its production method by sufficiently containing an intermetallic compound improving the corrosion resistance, even in a Zn-Al base plating having low Si solubility.

SOLUTION: The plated product excellent in the corrosion

resistance is peculiarly coated with a plated layer distributing one or more kinds of the intermetallic compounds constituted of one element selected among Mg, Ca, Sr, Ba, Ce, and Si and having 1-50  $\mu\text{m}$  grain diameter in a matrix composed of 210 mass% Al and the balance Zn with unavoidable impurities at 1-30% by volume ratio on the surface.

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